ED 423 114 DIGGING INTO MINNESOTA MINERALS.

1 OF 1 MINNESOTA STATE DEPT. OF NATURAL RESOURCES, ST. PAUL.

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ABSTRACT

This publication presents students with facts about geology and several learning activities. Topics covered include rocks and minerals, volcanoes and earthquakes, fossils, exploration geology, mining in Minnesota, environmental issues related to mining, mineral uses, mining history, and the geology of Minnesota's state parks. A geologic timetable relates the earth's eras with rocks in Minnesota, events in Minnesota, and characteristic life of the periods. This timetable is accompanied by an activity demonstrating the formation of sedimentary rocks. An article about fossils is accompanied by an activity that allows students to make their own fossils from clay and plaster of Paris. Activities demonstrating drill core sampling and the difficulty of mining through a chocolate chip cookie are related to various articles on mining in Minnesota. A feature about the Hull Rust Mahoning mine in Hibbing, Minnesota, discusses taconite, a low-grade iron ore. This feature includes a sidebar explaining mines and the mining industry in Minnesota. Other activities in this publication consist of word games, quizzes, and mazes. (PVD)

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